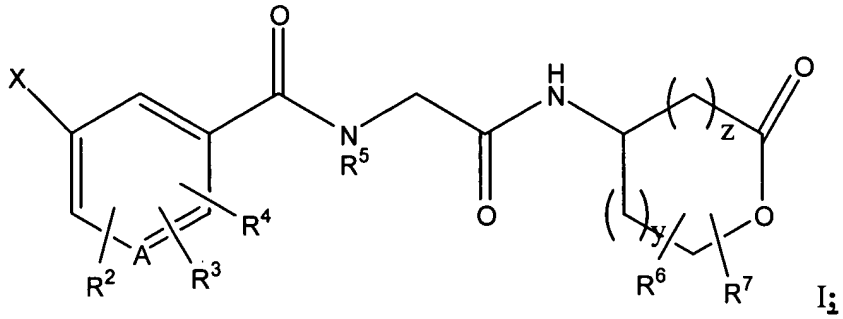
Amended Claim Set

Please amend the claims in the following manner:

Claim 1. **(currently amended)** A compound**, isomer of the compound, enantiomer of the compound, tautomer of the compound, racemate of the compound, or polymorph of the compound, wherein:**

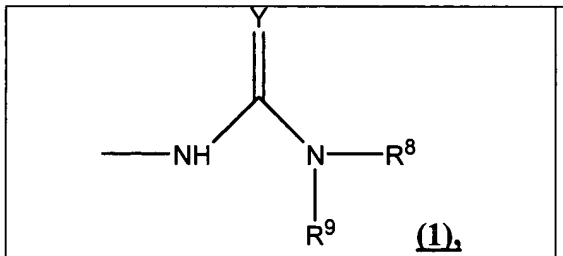
the compound corresponds in structure to [[of]] Formula I:



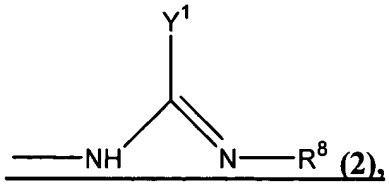
I;

~~**wherein:**~~

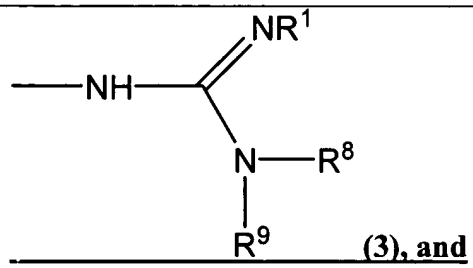
X is **selected from the group consisting of:**



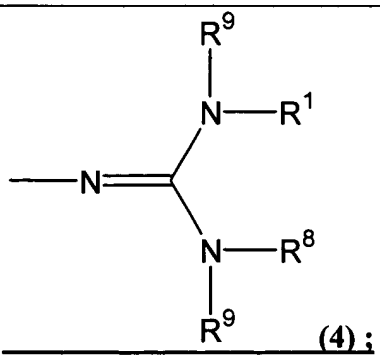
(1),



(2),



(3), and



(4);

Y is selected from the group consisting of N-R^1, O, and S;

y and z are independently selected from ~~**an integer selected from**~~ **the group consisting of** 0, 1, 2, and 3;

A is N or C;

as to R^1:

X corresponds in structure to Formula (1), and R^1 is selected from the group consisting of H, alkyl, **[[aryl]]** **phenyl**, hydroxy, alkoxy, cyano, nitro, amino, alkenyl, alkynyl, amido, alkylcarbonyl, ~~**arylcarbonyl**~~ **phenylcarbonyl**, alkoxycarbonyl, ~~**aryloxycarbonyl**~~ **phenyloxycarbonyl**, haloalkylcarbonyl, haloalkoxycarbonyl, alkylthiocarbonyl, ~~**arylthiocarbonyl**~~ **phenylthiocarbonyl**, acyloxymethoxycarbonyl, alkyl ~~**optionally**~~ substituted with one or more ~~**substituent**~~ **substituents** selected from **the group consisting of** lower alkyl, halogen, hydroxyl, haloalkyl, cyano, nitro, carboxyl, amino, alkoxy, **phenyl, and phenyl** ~~**aryl or aryl optionally**~~ substituted with one or more **substituents selected from the group consisting of** halogen, haloalkyl, lower alkyl, alkoxy, cyano, alkylsulfonyl, alkylthio, nitro, carboxyl, amino, hydroxyl, sulfonic acid, sulfonamide, ~~**aryl, fused aryl**~~ **phenyl, naphthyl**, monocyclic heterocycles, **and [[or]]** fused monocyclic heterocycles, ~~**aryl optionally**~~ **phenyl** substituted with one or more ~~**substituent**~~ **substituents** selected from **the group consisting of** halogen, haloalkyl, hydroxy, lower alkyl, alkoxy, methylenedioxy, ethylenedioxy, cyano, nitro, alkylthio, alkylsulfonyl, sulfonic acid, sulfonamide, carboxyl derivatives, amino, ~~**aryl, fused aryl**~~ **phenyl, naphthyl**, monocyclic heterocycles, and fused monocyclic ~~**heterocycle**~~ **heterocycles**, monocyclic heterocycles, and monocyclic heterocycles ~~**optionally**~~ substituted with one or more ~~**substituent**~~ **substituents** selected from **the group consisting of** halogen, haloalkyl, lower alkyl, alkoxy, amino, nitro, hydroxy, carboxyl derivatives, cyano, alkylthio, alkylsulfonyl, sulfonic acid, sulfonamide, ~~**aryl or fused aryl**~~ **phenyl and naphthyl**; or

X corresponds in structure to Formula (1), and R^1 **and** R^8**, [[taken]]** together with **the atoms to which they are bonded, form** ~~R^8 **forms**~~ a 4-12 membered dinitrogen-containing heterocycle optionally substituted with one or more ~~**substituent**~~ **substituents** selected from the group consisting of lower alkyl, hydroxy, **[[keto,]]** alkoxy, halo, phenyl, amino, carboxyl, **[[or]]** carboxyl ester, and fused phenyl; or

X corresponds in structure to Formula (1), and R^1 **and** R^8**, [[taken]]** together with **the atoms to which they are bonded, form** ~~R^8 forms~~ a 5 membered heteroaromatic ring optionally substituted with one or more ~~substituent~~ **substituents** selected from **the group consisting of** lower alkyl, phenyl, and hydroxy; or

X corresponds in structure to Formula (1), and R^1 **and** R^8**, [[taken]]** together with **the atoms to which they are bonded, form** ~~R^8 forms~~ a 5 membered heteroaromatic ring fused with a phenyl group; **or**

X corresponds in structure to Formula (3), and R^1 **and** R^8**, together with the atoms to which they are bonded, form a 5-8 membered dinitrogen-containing heterocycle optionally substituted with one or more substituents selected from the group consisting of lower alkyl, hydroxy, phenyl, or carboxyl derivatives; or**

X corresponds in structure to Formula (4), and R^1 **and** R^8**, together with the atoms to which they are bonded, form a 5-8 membered dinitrogen-containing heterocycle optionally substituted with hydroxy, phenyl, or alkyl;**

as to R^8**:**

X corresponds in structure to Formula (1) or (2), and R^8 ~~(when not taken together with R^1) and R^9 are independently~~ **is** selected from the group consisting of H, alkyl, alkenyl, alkynyl, ~~aralkyl~~ **phenylalkyl**, amino, alkylamino, hydroxy, alkoxy, ~~arylamino~~ **phenylamino**, amido, alkylcarbonyl, ~~arylcarbonyl~~ **phenylcarbonyl**, alkoxycarbonyl, ~~aryloxy, aryloxycarbonyl~~ **phenyloxy, phenyloxycarbonyl**, haloalkylcarbonyl, haloalkoxycarbonyl, alkylthiocarbonyl, ~~arylthiocarbonyl~~ **phenylthiocarbonyl**, acyloxymethoxycarbonyl, cycloalkyl, bicycloalkyl, **[[aryl]] phenyl**, acyl, benzoyl, alkyl ~~optionally~~ substituted with one or more ~~substituent~~ **substituents** selected from **the group consisting of** lower alkyl, halogen, hydroxy, haloalkyl, cyano, nitro, carboxyl derivatives, amino, alkoxy, thio, alkylthio, sulfonyl, ~~aryl, aralkyl, aryl optionally~~ **phenyl, phenylalkyl, phenyl** substituted with one or more ~~substituent~~ **substituents** selected from **the group consisting of** halogen, haloalkyl, lower alkyl, alkoxy,

methylenedioxy, ethylenedioxy, alkylthio, haloalkylthio, thio, hydroxy, cyano, nitro, carboxyl derivatives, ~~aryloxy~~ **phenyloxy**, amido, acylamino, amino, alkylamino, dialkylamino, trifluoroalkoxy, trifluoromethyl, sulfonyl, alkylsulfonyl, haloalkylsulfonyl, sulfonic acid, sulfonamide, ~~aryl, fused aryl~~ **phenyl, naphthyl**, monocyclic heterocycles, fused monocyclic heterocycles, **phenyl** ~~aryl optionally~~ substituted with one or more ~~substituent~~ **substituents** selected from **the group consisting of** halogen, haloalkyl, lower alkyl, alkoxy, methylenedioxy, ethylenedioxy, alkylthio, haloalkylthio, thio, hydroxy, cyano, nitro, carboxyl derivatives, ~~aryloxy~~ **phenyloxy**, amido, acylamino, amino, alkylamino, dialkylamino, trifluoroalkoxy, trifluoromethylsulfonyl, alkylsulfonyl, sulfonic acid, sulfonamide, ~~aryl, fused aryl~~ **phenyl, naphthyl**, monocyclic heterocycles, **and** **[[or]]** fused monocyclic heterocycles, monocyclic heterocycles, monocyclic heterocycles ~~optionally~~ substituted with one or more ~~substituent~~ **substituents** selected from **the group consisting of** halogen, haloalkyl, lower alkyl, alkoxy, ~~aryloxy~~ **phenyloxy**, amino, nitro, hydroxy, carboxyl derivatives, cyano, alkylthio, alkylsulfonyl, ~~aryl, fused aryl~~ **phenyl, naphthyl**, monocyclic and bicyclic heterocyclicalkyls, **and** $-SO_2R^{10}$**;** **or** ~~wherein R^{10} is selected from the group consisting of alkyl, aryl and monocyclic heterocycles, all optionally substituted with one or more substituent selected from the group consisting of halogen, haloalkyl, alkyl, alkoxy, cyano, nitro, amino, acylamino, trifluoroalkyl, amido, alkylaminosulfonyl, alkylsulfonyl, alkylsulfonylamino, alkylamino, dialkylamino, trifluoromethylthio, trifluoroalkoxy, trifluoromethylsulfonyl, aryl, aryloxy, thio, alkylthio, and monocyclic heterocycles; and~~

X corresponds in structure to Formula (1) or (2), and R^8

is ~~wherein R^{10} is defined as above~~; or **[[NR^8]]**

X corresponds in structure to Formula (1), and R^8 and R^9**, [[taken]]** together **with the nitrogen to which they are bonded,** form a 4-12 membered mononitrogen-containing monocyclic or bicyclic ring**, wherein the ring:**

is optionally substituted with one or more ~~**substituent**~~ **substituents** selected from **the group consisting of** lower alkyl, carboxyl derivatives, **[[aryl]] phenyl, and** hydroxy, and

may contain an additional ~~**optionally contains a**~~ heteroatom selected from the group consisting of O, N, and S; or

X corresponds in structure to Formula (1), and R^8 and R^1, together with the atoms to which they are bonded, form a 4-12 membered dinitrogen-containing heterocycle optionally substituted with one or more substituents selected from the group consisting of lower alkyl, hydroxy, alkoxy, halo, phenyl, amino, carboxyl, carboxyl ester, and fused phenyl; or

X corresponds in structure to Formula (1), and R^8 and R^1, together with the atoms to which they are bonded, form a 5 membered heteroaromatic ring optionally substituted with one or more substituents selected from the group consisting of lower alkyl, phenyl, and hydroxy; or

X corresponds in structure to Formula (1), and R^8 and R^1, together with the atoms to which they are bonded, form a 5 membered heteroaromatic ring fused with a phenyl group; or

X corresponds in structure to Formula (2), and R^8 and R^{11}, together with the atoms to which they are bonded, form a 4-12 membered mononitrogen- and monosulfur- or monooxygen-containing heterocyclic ring optionally substituted with lower alkyl, hydroxy, phenyl, carboxyl, carboxyl ester, or fused phenyl; or

X corresponds in structure to Formula (2), and R^8 and R^{11}, together with the atoms to which they are bonded, form thiazole, oxazole, benzoxazole, or benzothiazole; or

X corresponds in structure to Formula (2), Y^1 is carbon such that R^8 and Y^1, together with the atoms to which they are bonded, form a 4-12 membered mononitrogen- or dinitrogen-containing ring optionally substituted with alkyl, phenyl, or hydroxy; or

X corresponds in structure to Formula (3), and R^8 and R^1, together with the atoms to which they are bonded, form a 5-8 membered

dinitrogen-containing heterocycle optionally substituted with one or more substituents selected from the group consisting of lower alkyl, hydroxy, phenyl, or carboxyl derivatives;

X corresponds in structure to Formula (4), and R^8 and R^1, together with the atoms to which they are bonded, form a 5-8 membered dinitrogen-containing heterocycle optionally substituted with hydroxy, phenyl, or alkyl;

as to R^9:

X corresponds in structure to Formula (1), and R^9 is selected from the group consisting of H, alkyl, alkenyl, alkynyl, phenylalkyl, amino, alkylamino, hydroxy, alkoxy, phenylamino, amido, alkylcarbonyl, phenylcarbonyl, alkoxycarbonyl, phenyloxy, phenyloxycarbonyl, haloalkylcarbonyl, haloalkoxycarbonyl, alkylthiocarbonyl, phenylthiocarbonyl, acyloxymethoxycarbonyl, cycloalkyl, bicycloalkyl, phenyl, acyl, benzoyl, alkyl substituted with one or more substituents selected from the group consisting of lower alkyl, halogen, hydroxy, haloalkyl, cyano, nitro, carboxyl derivatives, amino, alkoxy, thio, alkylthio, sulfonyl, phenyl, phenylalkyl, phenyl substituted with one or more substituents selected from the group consisting of halogen, haloalkyl, lower alkyl, alkoxy, methylenedioxy, ethylenedioxy, alkylthio, haloalkylthio, thio, hydroxy, cyano, nitro, carboxyl derivatives, phenyloxy, amido, acylamino, amino, alkylamino, dialkylamino, trifluoroalkoxy, trifluoromethyl, sulfonyl, alkylsulfonyl, haloalkylsulfonyl, sulfonic acid, sulfonamide, phenyl, naphthyl, monocyclic heterocycles, fused monocyclic heterocycles, phenyl substituted with one or more substituents selected from the group consisting of halogen, haloalkyl, lower alkyl, alkoxy, methylenedioxy, ethylenedioxy, alkylthio, haloalkylthio, thio, hydroxy, cyano, nitro, carboxyl derivatives, phenyloxy, amido, acylamino, amino, alkylamino, dialkylamino, trifluoroalkoxy, trifluoromethylsulfonyl, alkylsulfonyl, sulfonic acid, sulfonamide, phenyl, naphthyl, monocyclic heterocycles, and fused monocyclic heterocycles, monocyclic heterocycles, monocyclic heterocycles substituted with one or

more substituents selected from the group consisting of halogen, haloalkyl, lower alkyl, alkoxy, phenyloxy, amino, nitro, hydroxy, carboxyl derivatives, cyano, alkylthio, alkylsulfonyl, phenyl, naphthyl, monocyclic and bicyclic heterocyclicalkyls, and $-SO_2R^{10}$; or

X corresponds in structure to Formula (1), and R^9 is  ; or

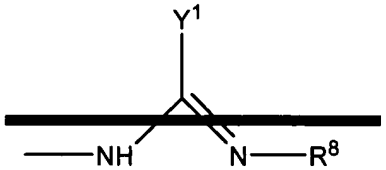
X corresponds in structure to Formula (1), and R^9 and R^8, together with the nitrogen to which they are bonded, form a 4-12 membered mononitrogen-containing monocyclic or bicyclic ring, wherein the ring:

is optionally substituted with one or more substituents selected from the group consisting of lower alkyl, carboxyl derivatives, phenyl, and hydroxy, and

may contain an additional heteroatom selected from the group consisting of O, N, and S; or

X corresponds in structure to Formula (3), and R^9 is selected from the group consisting of alkylcarbonyl, phenylcarbonyl, alkoxycarbonyl, phenyloxycarbonyl, haloalkylcarbonyl, haloalkoxycarbonyl, alkylthiocarbonyl, phenylthiocarbonyl, or acyloxymethoxycarbonyl; or

X corresponds in structure to Formula (4), and both R^9 are selected from the group consisting of alkylcarbonyl, phenylcarbonyl, alkoxycarbonyl, phenyloxycarbonyl, haloalkylcarbonyl, haloalkoxycarbonyl, alkylthiocarbonyl, phenylthiocarbonyl, and acyloxymethoxycarbonyl;

~~X is~~  ~~wherein Y'~~

as to Y^1:

Y^1 is selected from the group consisting of alkyl, cycloalkyl, bicycloalkyl, [[aryl]] phenyl, monocyclic heterocycles, alkyl ~~optionally~~ substituted with [[aryl]] phenyl which can also be ~~optionally~~ substituted with one or more

~~substituent~~ **substituents** selected from **the group consisting of** halo, haloalkyl, alkyl, nitro, hydroxy, alkoxy, ~~aryloxy, aryl, or fused aryl optionally~~ **phenyloxy, phenyl, and naphthyl, phenyl** substituted with one or more ~~substituent~~ **substituents** selected from **the group consisting of** halo, haloalkyl, hydroxy, alkoxy, ~~aryloxy, aryl, fused aryl~~ **phenyloxy, phenyl, naphthyl**, nitro, methylenedioxy, ethylenedioxy, **and** **[[or]]** alkyl, alkynyl, alkenyl, -S-R^{11}, and -OR^{11}; **or** ~~wherein~~

Y^1 is carbon such that Y^1 and R^8, together with the atoms to which they are bonded, form a 4-12 membered mononitrogen- or dinitrogen-containing ring optionally substituted with alkyl, phenyl, or hydroxy;

R^{10} is selected from the group consisting of alkyl, phenyl, and monocyclic heterocycles, wherein:

any such substituent is optionally substituted with one or more substituents selected from the group consisting of halogen, haloalkyl, alkyl, alkoxy, cyano, nitro, amino, acylamino, trifluoroalkyl, amido, alkylaminosulfonyl, alkylsulfonyl, alkylsulfonylamino, alkylamino, dialkylamino, trifluoromethylthio, trifluoroalkoxy, trifluoromethylsulfonyl, phenyl, phenyloxy, thio, alkylthio, and monocyclic heterocycles;

as to R^{11}:

R^{11} is selected from the group consisting of H, alkyl, ~~aralkyl~~ **phenylalkyl, phenyl**, alkenyl, and alkynyl, or

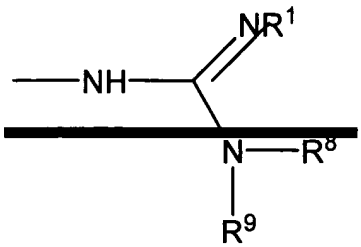
R^{11} **and R^8, [[taken]]** together with **the atoms to which they are bonded, form** ~~R^8 forms~~ a 4-12 membered mononitrogen- and monosulfur- or monooxygen-containing heterocyclic ring optionally substituted with lower alkyl, hydroxy, **[[keto,]]** phenyl, carboxyl, **[[or]]** carboxyl ester, **or** **[[and]]** fused phenyl, or

R^{11} **and R^8, [[taken]]** together with **the atoms to which they are bonded, form [[R^8 is]]** thiazole, oxazole, benzoxazole, or benzothiazole;

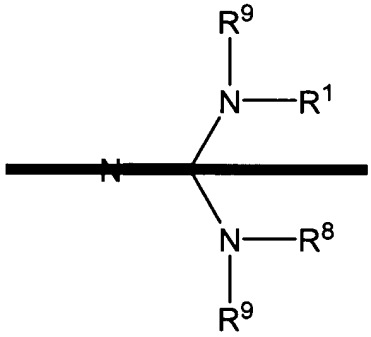
~~R^8 is defined as above; or~~

~~Y^1 (when Y^1 is carbon) taken together with R^8 forms a 4-12 membered mononitrogen or dinitrogen containing ring optionally substituted with alkyl,~~

~~aryl, keto or hydroxy; or~~



~~X is~~ ~~wherein R^1 and R^8 taken together form a 5-8 membered dinitrogen containing heterocycle optionally substituted with one or more substituent selected from the group consisting of lower alkyl, hydroxy, keto, phenyl, or carboxyl derivatives; and R^9 is selected from the group consisting of alkylcarbonyl, arylcarbonyl, alkoxycarbonyl, aryloxycarbonyl, haloalkylcarbonyl, haloalkoxycarbonyl, alkylthiocarbonyl, arylthiocarbonyl, or acyloxymethoxycarbonyl; or~~



~~X is~~

~~wherein R^1 and R^8 taken together form a 5-8 membered dinitrogen containing heterocycle optionally substituted with hydroxy, keto, phenyl, or alkyl; and~~

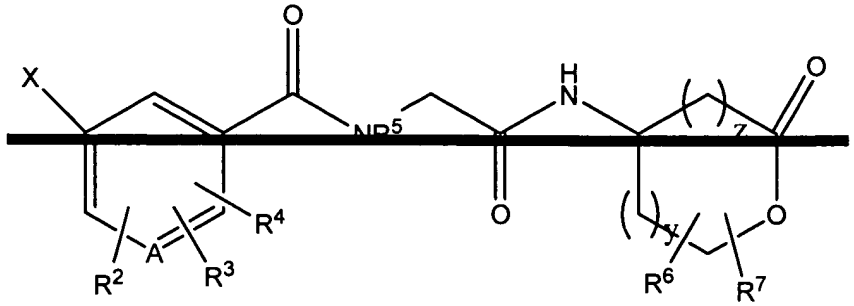
~~R^9 are both selected from the group consisting of alkylcarbonyl, arylcarbonyl, alkoxycarbonyl, aryloxycarbonyl, haloalkylcarbonyl, haloalkoxycarbonyl, alkylthiocarbonyl, arylthiocarbonyl and acyloxymethoxycarbonyl;~~

R^2, R^3, and R^4 are independently selected from one or more ~~substituent~~ **substituents** selected from ~~thegroup~~ **the group** consisting of H, alkyl, hydroxy, alkoxy, ~~aryloxy~~ **phenyloxy**, halogen, haloalkyl, haloalkoxy, nitro, amino, alkylamino, acylamino, dialkylamino, cyano, alkylthio, alkylsulfonyl, carboxyl derivatives, trihaloacetamide, acetamide, ~~aryl, fused aryl~~ **phenyl, naphthyl**, cycloalkyl, thio, monocyclic heterocycles, fused monocyclic heterocycles, and X**; and** ~~, wherein X is defined above;~~

R^5, R^6, and R^7 are independently selected from the group consisting of hydrogen, alkyl, alkenyl, alkynyl, **[[aryl]]** **phenyl**, carboxyl derivatives, haloalkyl, cycloalkyl, monocyclic heterocycles, monocyclic heterocycles ~~optionally~~ substituted with alkyl, halogen,

haloalkyl, cyano, hydroxy, ~~aryl, fused aryl~~ **phenyl, naphthyl**, nitro, alkoxy, ~~aryloxy~~ **phenyloxy**, alkylsulfonyl, ~~arylsulfonyl~~ **phenylsulfonyl**, sulfonamide, thio, alkylthio, carboxyl derivatives, amino, amido, alkyl ~~optionally~~ substituted with one or more **substituents selected from the group consisting** of halo, haloalkyl, hydroxy, alkoxy, ~~aryloxy~~ **phenyloxy**, thio, alkylthio, alkynyl, alkenyl, alkyl, ~~arylthio~~ **phenylthio**, alkylsulfoxide, alkylsulfonyl, ~~arylsulfoxide, arylsulfonyl~~ **phenylsulfoxide, phenylsulfonyl**, cyano, nitro, amino, alkylamino, dialkylamino, alkylsulfonamide, ~~arylsulfonamide~~ **phenylsulfonamide**, acylamide, carboxyl derivatives, sulfonamide, sulfonic acid, phosphonic acid derivatives, phosphinic acid derivatives, ~~aryl, arylthio arylsulfoxide, or arylsulfone~~ **phenyl, phenylthio, phenylsulfoxide, and phenylsulfone,** all **of which are** optionally substituted on the **[[aryl]] phenyl** ring with halo, alkyl, haloalkyl, cyano, nitro, hydroxy, carboxyl derivatives, alkoxy, ~~aryloxy~~ **phenyloxy**, amino, alkylamino, dialkylamino, amido, ~~aryl, fused aryl~~ **phenyl, naphthyl**, monocyclic heterocycles, and fused monocyclic heterocycles, monocyclic heterocyclicthio, monocyclic heterocyclicsulfoxide, and monocyclic heterocyclic sulfone, which ~~can be~~ **is** optionally substituted with halo, haloalkyl, nitro, hydroxy, alkoxy, ~~fused aryl~~ **naphthyl**, or alkyl, alkylcarbonyl, haloalkylcarbonyl, and **phenylcarbonyl, phenyl** ~~arylcarbonyl, aryl optionally~~ substituted in one or more positions with halo, haloalkyl, alkyl, alkoxy, ~~aryloxy~~ **phenyloxy**, methylenedioxy, ethylenedioxy, alkylthio, haloalkylthio, thio, hydroxy, cyano, nitro, acyloxy, carboxyl derivatives, carboxyalkoxy, amido, acylamino, amino, alkylamino, dialkylamino, trifluoroalkoxy, trifluoromethylsulfonyl, alkylsulfonyl, sulfonic acid, sulfonamide, ~~aryl, fused aryl~~ **phenyl, naphthyl**, monocyclic heterocycles and fused monocyclic heterocycles ~~; and all isomers, enantiomers, tautomers, racemates or polymorphs thereof~~.

Claim 2. **(currently amended)** A compound**, isomer, enantiomer, tautomer, racemate, or polymorph** according to claim 1**, wherein:**



~~I wherein:~~

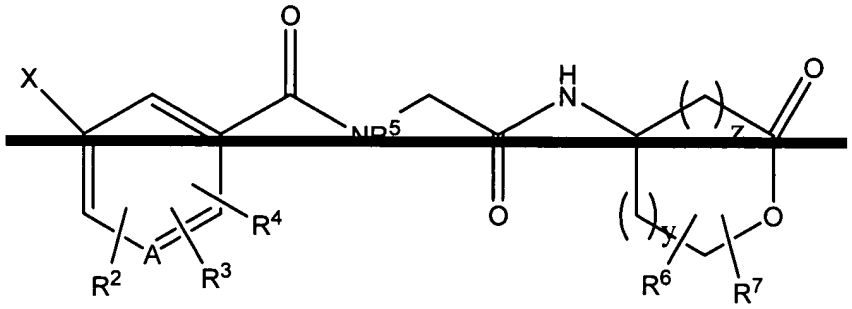
z is 1;

y is 0;

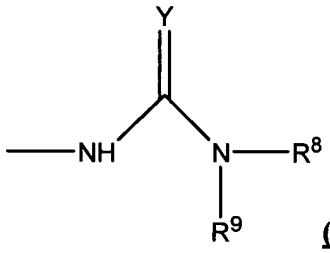
R^5 and R^6 are **each** H; **and**

R^7 **is** **[[=]]** H; alkyl, haloalkyl, carboxyalkyl, alkenyl, alkynyl, and phenyl, optionally substituted with one or more halogen **[[atom]]** **atoms**.

Claim 3. **(currently amended)** A compound**, isomer, enantiomer, tautomer, racemate, or polymorph** according to claim 1**, wherein:**



~~I wherein:~~



X is **(1);**

Y is N-R^1**;** ~~**wherein**~~

as to R^1 and R^8:

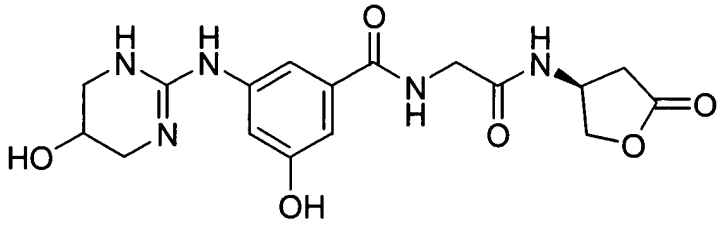
R^1 is selected from the group consisting of H, alkyl, **[[aryl]]** **phenyl**, hydroxy, alkoxy, cyano, and nitro; **and** R^8 **is** ~~**and R^9 are**~~ H; or

R^1 **and R^8, [[taken]]** together with **the atoms to which they are bonded, form** ~~**R^8 forms**~~ a 4-12 membered dinitrogen-containing heterocycle optionally substituted with one or more ~~**substituent**~~ **substituents** selected from the group consisting of lower alkyl, hydroxy, **[[keto,]]** alkoxy, halogen, phenyl, amino, carboxyl, **[[or]]** carboxyl ester, and fused phenyl**; and**

R^9 is H.

Claim 4. **(currently amended)** A compound**, isomer of the compound, enantiomer of the compound, tautomer of the compound, racemate of the compound, or polymorph of the compound, wherein:**

the compound selected from the group consisting of**:**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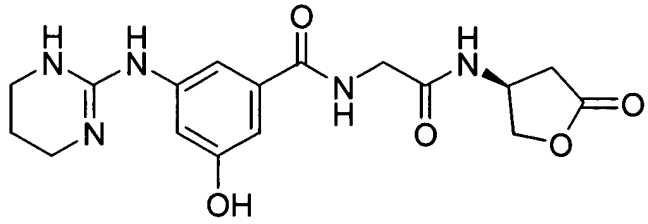
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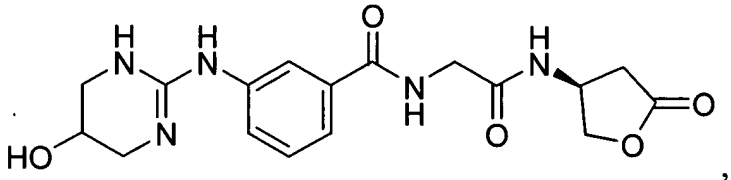
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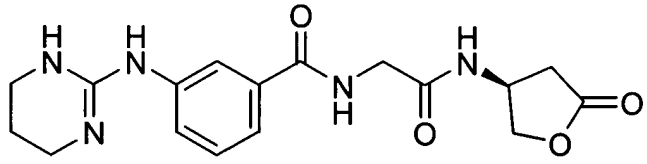
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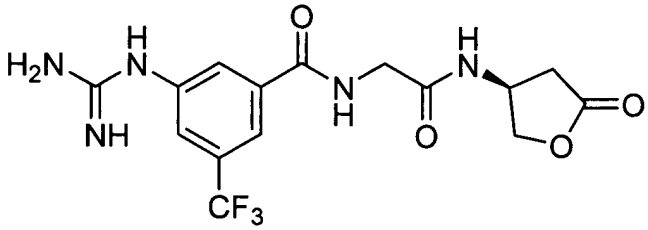
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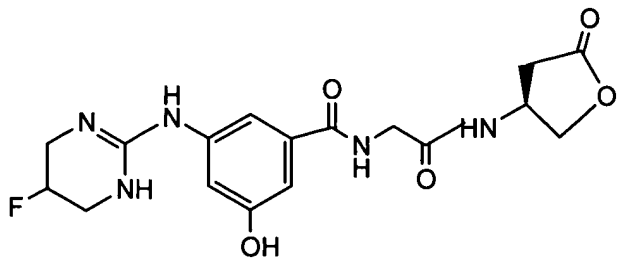
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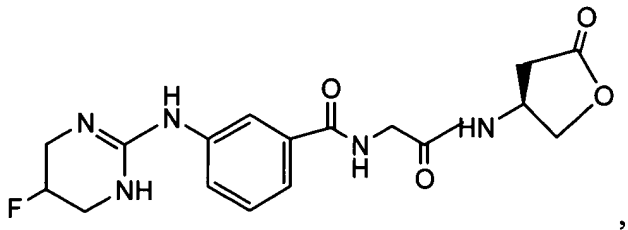

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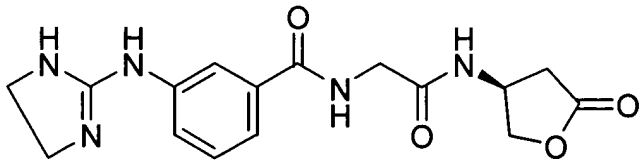

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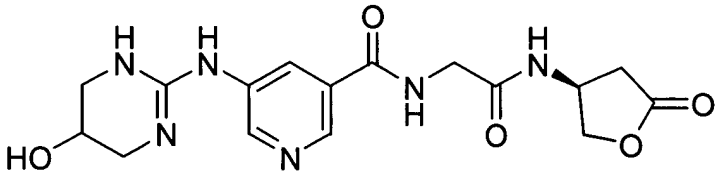

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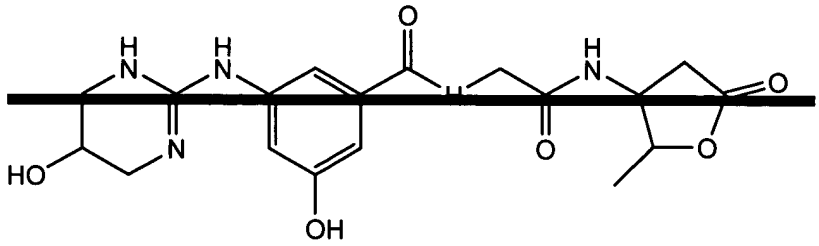

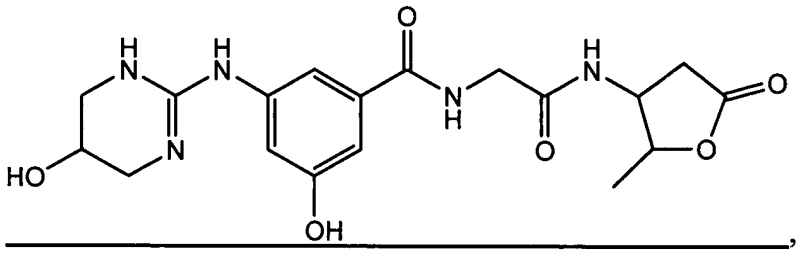

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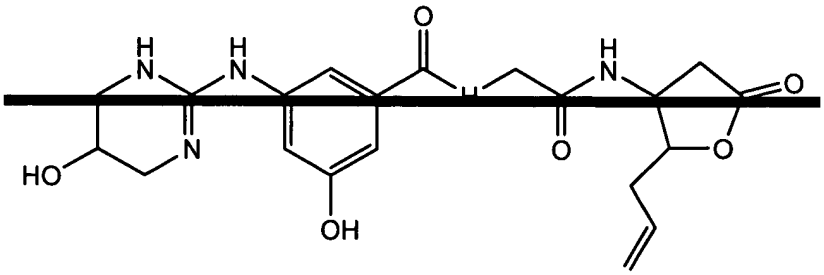
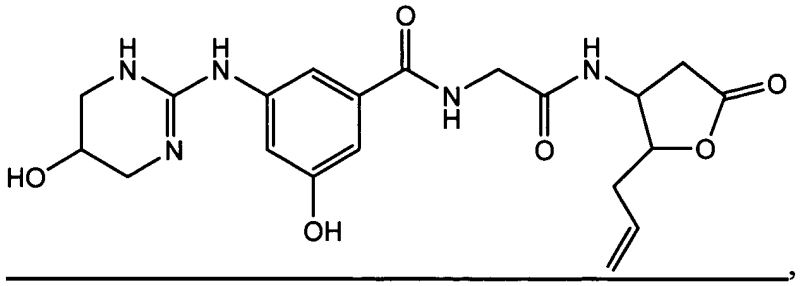
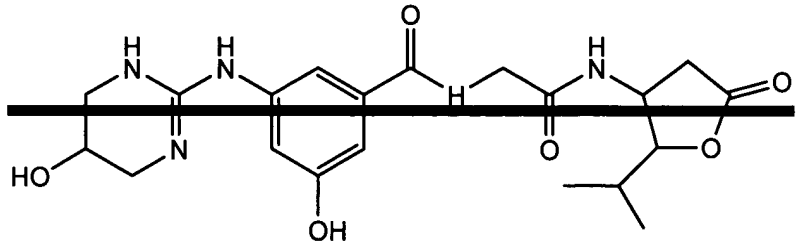
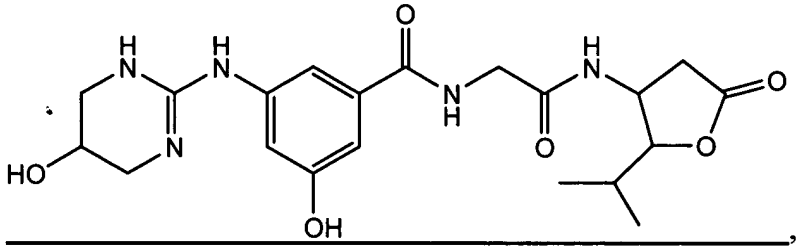
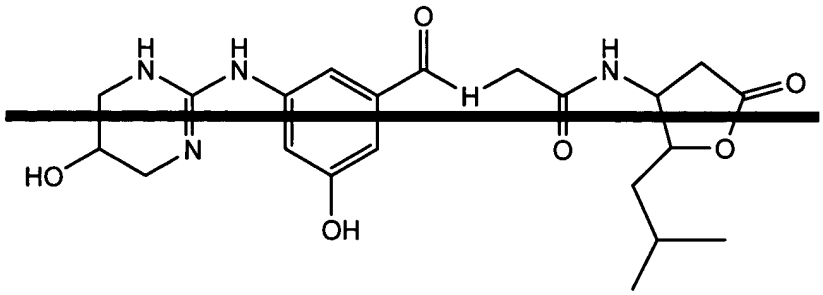


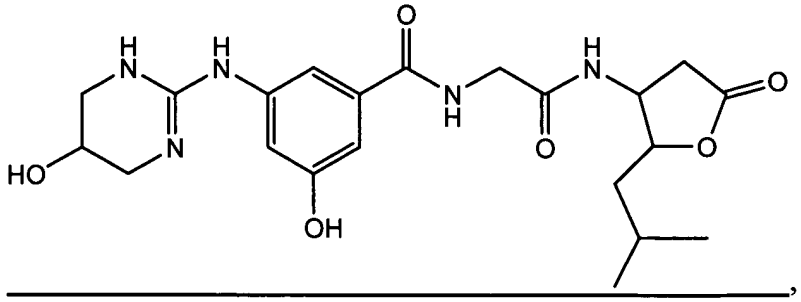
Page 15 of 33

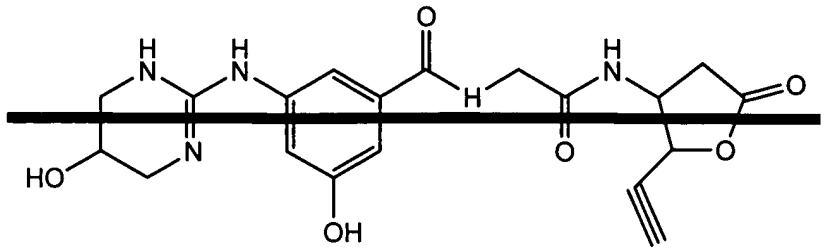


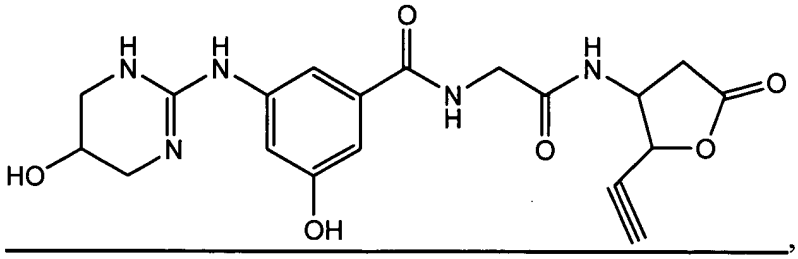












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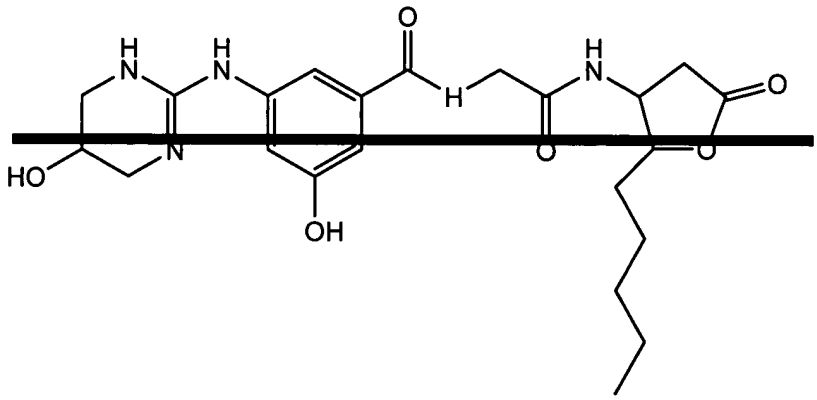

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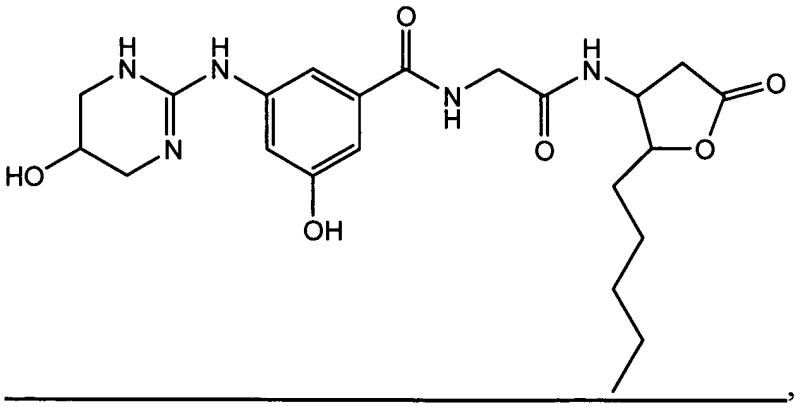

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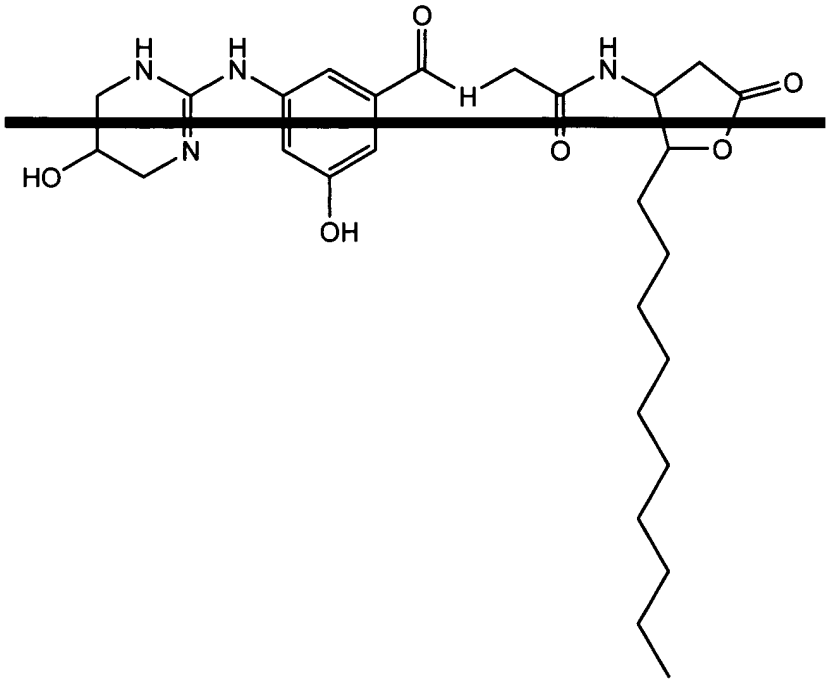

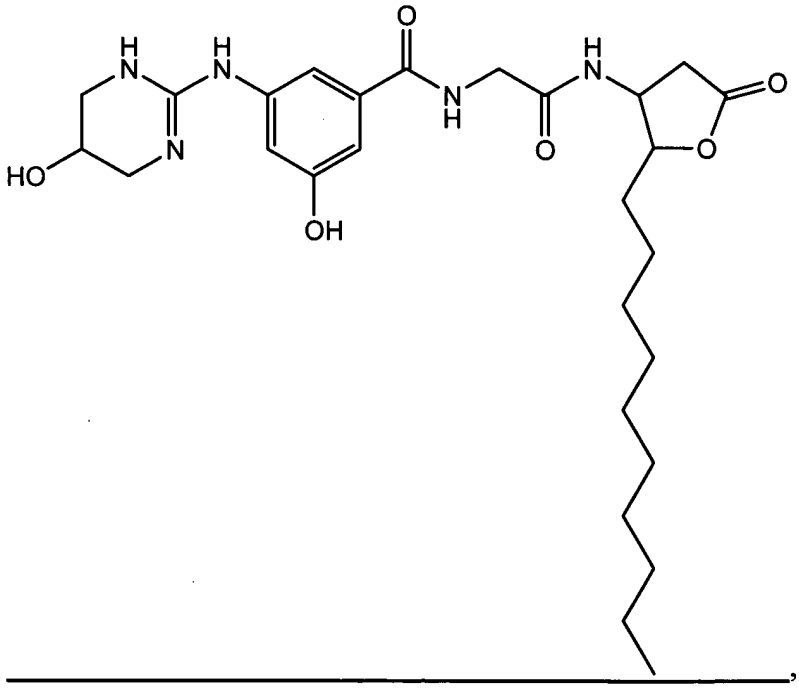

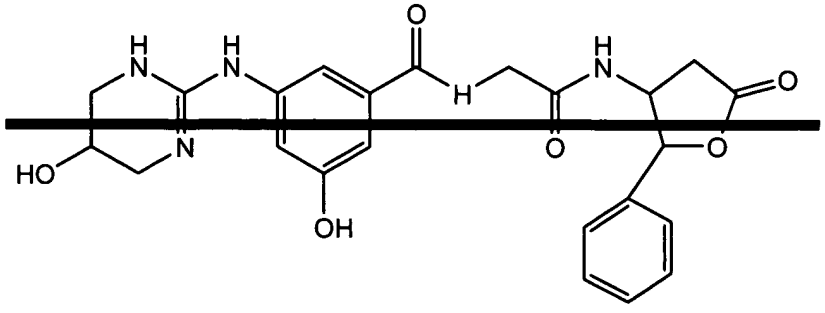

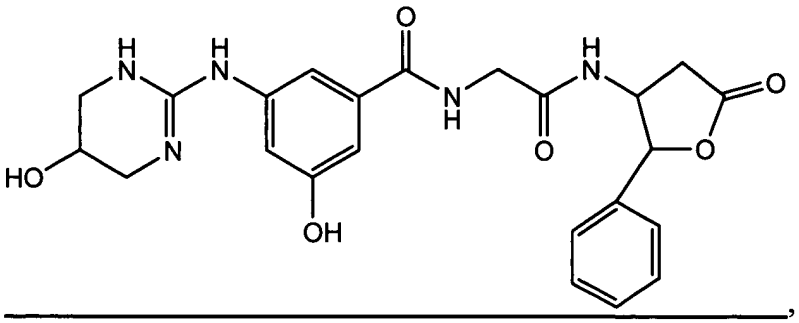

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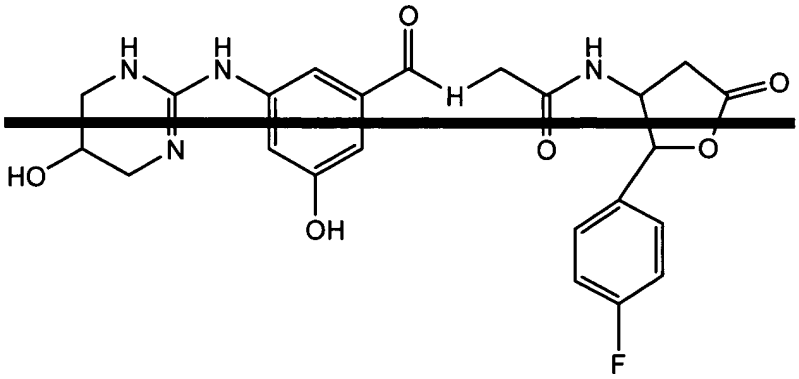

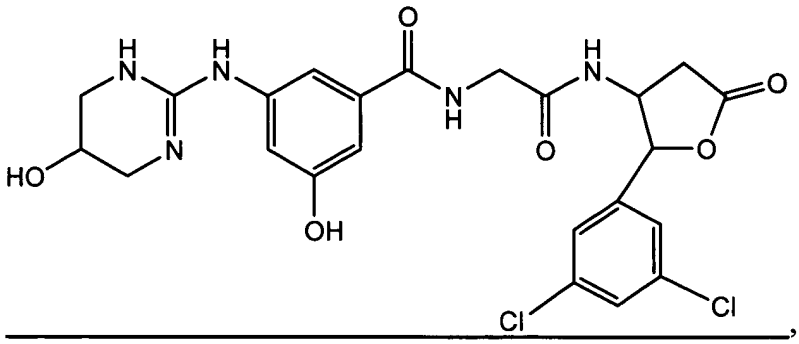

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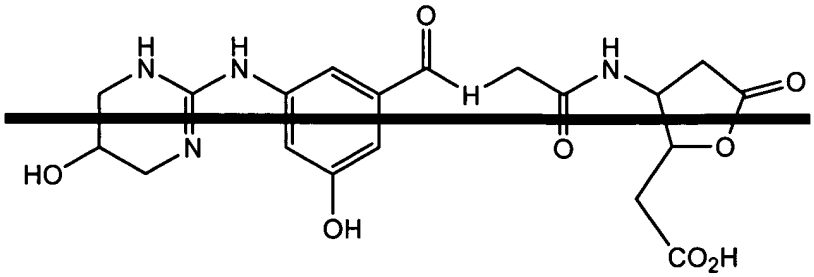

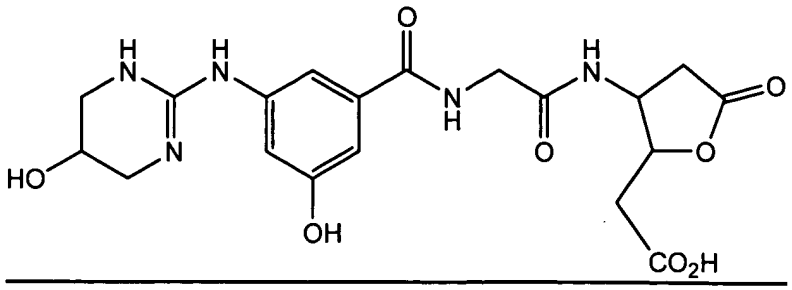

~~and all isomers, enantiomers, tautomers, racemates and polymorphs thereof~~.

Claim 5. **(currently amended)** A pharmaceutical composition**, wherein the composition comprises:** ~~**comprising**~~

a compound**, isomer, enantiomer, tautomer, racemate, or polymorph** of Claim 1**; and** ~~**, 2, 3, or 4**~~

a pharmaceutically-acceptable carrier.

Claim 6. **(currently amended)** A method of **treating** ~~**inhibiting**~~ a condition **treatable** ~~**mediated**~~ by **inhibiting or antagonizing [[the]]** $\alpha_v\beta_3$ or $\alpha_v\beta_5$ integrin**, wherein:**

the condition is selected from the group consisting of tumor metastasis, solid tumor growth, angiogenesis, osteoporosis, humoral hypercalcemia of malignancy, smooth muscle cell migration, restenosis, atheroscelososis, macular degeneration, retinopathy, and arthritis; and

the method comprises ~~**comprising**~~ administering a therapeutically-effective amount of a compound**, isomer, enantiomer, tautomer, racemate, or polymorph** of Claim 1 ~~**, 2, 3 or 4**~~.

Claim 7 (canceled).

Please add the following new claims:

Claim 8. **(new)** A pharmaceutical composition, wherein the composition comprises:
a compound, isomer, enantiomer, tautomer, racemate, or polymorph of Claim 2; and
a pharmaceutically-acceptable carrier.

Claim 9. **(new)** A method of treating a condition treatable by inhibiting or antagonizing $\alpha_v\beta_3$ or $\alpha_v\beta_5$ integrin, wherein:

the condition is selected from the group consisting of tumor metastasis, solid tumor growth, angiogenesis, osteoporosis, humoral hypercalcemia of malignancy, smooth muscle cell migration, restenosis, atheroscelososis, macular degeneration, retinopathy, and arthritis; and

the method comprises administering a therapeutically-effective amount of a compound, isomer, enantiomer, tautomer, racemate, or polymorph of Claim 2.

Claim 10. **(new)** A pharmaceutical composition, wherein the composition comprises:

a compound, isomer, enantiomer, tautomer, racemate, or polymorph of Claim 3; and

a pharmaceutically-acceptable carrier.

Claim 11. **(new)** A method of treating a condition treatable by inhibiting or antagonizing $\alpha_v\beta_3$ or $\alpha_v\beta_5$ integrin, wherein:

the condition is selected from the group consisting of tumor metastasis, solid tumor growth, angiogenesis, osteoporosis, humoral hypercalcemia of malignancy, smooth muscle cell migration, restenosis, atheroscelososis, macular degeneration, retinopathy, and arthritis; and

the method comprises administering a therapeutically-effective amount of a compound, isomer, enantiomer, tautomer, racemate, or polymorph of Claim 3.

Claim 12. **(new)** A pharmaceutical composition, wherein the composition comprises:

a compound, isomer, enantiomer, tautomer, racemate, or polymorph of Claim 4; and

a pharmaceutically-acceptable carrier.

Claim 13. **(new)** A method of treating a condition treatable by inhibiting or antagonizing $\alpha_v\beta_3$ or $\alpha_v\beta_5$ integrin, wherein:

the condition is selected from the group consisting of tumor metastasis, solid tumor growth, angiogenesis, osteoporosis, humoral hypercalcemia of malignancy, smooth muscle cell migration, restenosis, atheroscelososis, macular degeneration, retinopathy, and arthritis; and

the method comprises administering a therapeutically-effective amount of a compound, isomer, enantiomer, tautomer, racemate, or polymorph of Claim 4.